INTERNATIONAL SEARCH REPORT

International application No.

r			PCT/JP2	005/008962
	TATION OF SUBJECT MATTER H02M3/00, H01M2/10			
1110.01	102H3/00, H01H2/10			
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According to Int	ernational Patent Classification (IPC) or to both nation	nal classification and IPC		
B. FIELDS SE	ARCHED		-	
Minimum docun	nentation searched (classification system followed by c	lassification symbols)		
Int.Cl7	H02M3/00-3/44, H01M2/10	,		
Documentation s	searched other than minimum documentation to the ext	ent that such documents are	included in the	tields searched
Jitsuyo	Shinan Koho 1922-1996 J	itsuyo Shinan Torc	oku Koho :	1996-2005
		oroku Jitsuyo Shir		1994-2005
Electronic data b	ase consulted during the international search (name of	data base and, where practi	cable, search terr	ns used)
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C. DOCUMEN	NTS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where a	ppropriate, of the relevant p	assages	Relevant to claim No.
Y	Microfilm of the specificati	on and drawings	-	1,2,6,7,11,
	annexed to the request of Ja	panese Utility		1,2,0,7,11,
A	Model Application No. 143853	/1981 (Laid-open		3-5,8-10
1	No. 49590/1983) (Mitsumi Electric Co., Ltd.)			
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	Page 3, line 11 to page 6, 1	ine 4;]	
	Figs. 2 to 4 (Family: none)		İ	
	(ramity: none)		!	
Y	JP 58-82461 A (Canon Inc.),			1,2,6,7,11,
	18 May, 1983 (18.05.83),		·	12
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× Further do	cuments are listed in the continuation of Box C.	See patent family a		
L	gories of cited documents:			
"A" document d	efining the general state of the art which is not considered	date and not in conflict	With the application	ntional filing date or priority on but cited to understand
	icular relevance cation or patent but published on or after the international	the principle of theory	underlying the inve	ention
filing date		considered novel or c	annot be considere	med invention cannot be ed to involve an inventive
"L" document w cited to esta	which may throw doubts on priority claim(s) or which is ablish the publication date of another citation or other	step when the documer	nt is taken alone	
special reaso	on (as specified)	considered to involve	ê an inventive eter	med invention cannot be p when the document is
"P" document p	ferring to an oral disclosure, use, exhibition or other means ablished prior to the international filing date but later than	combined with one or r being obvious to a pers	more other such doc	cuments such combination
the priority of	date claimed	"&" document member of the		
Date of the satur	l completion of the international search	Tour e m		
01 Augu	ist, 2005 (01.08.05)	Date of mailing of the international search report 16 August, 2005 (16.08.05)		
		Lo August,	~003 (16.0	00.05/
Name and mailin	g address of the ISA/	Anthonia		
	se Patent Office	Authorized officer		
Facsimile No. Form PCT/ISA/21	0 (second sheet) (January 2004)	Telephone No.	<u> </u>	
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International application No. PCT/JP2005/008962

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Y	JP 5-205712 A (Sony Corp.), 13 August, 1993 (13.08.93), Par. No. [0014]; Figs. 8, 9 (Family: none)	1, 2, 6, 7, 11, 12	
A	JP 2002-208388 A (Ricoh Co., Ltd.), 26 July, 2002 (26.07.02), Full text (Family: none)	1-12	
A	JP 11-262190 A (Canon Inc.), 24 September, 1999 (24.09.99), Full text (Family: none)	1-12	
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